

Parenthetical References incorporated herein by reference:

1. Comair YG, Choi HY, Van Ness P. Neocortical Resections. In: Engel J Jr, Pedley TA, eds. *Epilepsy: A Comprehensive Textbook*. Philadelphia, PA: Lippincott-Raven, 1998: 1819-28.
2. Olivier A. Risk and benefit in the surgery of epilepsy: complications and positive results on seizure tendency and intellectual function. *Acta Neurol. Scand. Suppl.* 1988; 117:114-21: 114-121.
3. Olivier A. Surgery of Extratemporal Epilepsy. In: Wyllie E, ed. *The Treatment of Epilepsy: Principles and Practice*. Baltimore, MD: Williams & Wilkins, 1997: 1060-73.
4. Goldring S. A method for surgical management of focal epilepsy, especially as it relates to children. *J. Neurosurg.* 1978; 49: 344-356.
5. Brooks VB. Study of brain function by local, reversible cooling. *Rev. Physiol. Biochem. Pharmacol.* 1983; 95: 1-109.
6. Lomber SG, Payne BR, Horel JA. The cryoloop: an adaptable reversible cooling deactivation method for behavioral or electrophysiological assessment of neural function. *J. Neurosci. Methods* 1999; 86: 179-194.

7. Moseley JI, Ojemann GA, Ward AAJ. Unit activity in experimental epileptic foci during focal cortical hypothermia. *Exp. Neurol.* 1972; 37: 164-178.
8. Reynolds JA, Ojemann GA, Ward JA. Intracellular recording during focal hypothermia of penicillin and alumina experimental epileptic foci. *Exp. Neurol.* 1975; 46: 583-604.
9. Lebovitz RM. Effects of temperature on interictal discharge at penicillin epileptogenic foci. *Epilepsia* 1975; 16: 215-222.
10. Hayward JN, Ott LH, Stuart DG, Cheshire FC. Peltier biothermodes. *American Journal of Medical Electronics* 1965; 4: 11-19.
11. Barbarosie M, Avoli M. CA3-driven hippocampal-entorhinal loop controls rather than sustains in vitro limbic seizures. *Journal of Neuroscience* 1997; 17: 9308-9314.
12. Park TS, Gonzales ER, Gidday JM. Platelet-activating factor mediates ischemia-induced leukocyte- endothelial adherence in newborn pig brain. *J. Cereb. Blood Flow Metab.* 1999; 19: 417-424.
13. Gidday JM, Park TS, Shah AR, Gonzales ER. Modulation of basal and postischemic leukocyte-endothelial adherence by nitric oxide. *Stroke* 1998; 29: 1423-1429.

14. Hill MW, de la Cruz MAM, Covey DF, Rothman SM. Effects of anticonvulsant lactams on *in vitro* seizures in the hippocampal slice preparation. *Epilepsy Research* 1999; 37: 121-131.
15. Shen KF, Schwartzkroin PA. Effects of temperature alterations on population and cellular activities in hippocampal slices from mature and immature rabbit. *Brain Res.* 1988; 475: 305-316.
16. Traynelis SF, Dingledine R. Potassium-induced spontaneous electrographic seizures in the rat hippocampal slice. *Journal of Neurophysiology* 1988; 59: 259-276.
17. Vastola EF, Homan R, Rosen A. Inhibition of focal seizures by moderate hypothermia. A clinical and experimental study. *Arch. Neurol.* 1969; 20: 430-439.
18. Sartorius CJ, Berger MS. Rapid termination of intraoperative stimulation-evoked seizures with application of cold Ringer's lactate to the cortex - Technical note. *J Neurosurg* 1998; 88: 349-351.
19. Osorio I, Frei MG, Wilkinson SB. Real-time automated detection and quantitative analysis of seizures and short-term prediction of clinical onset. *Epilepsia* 1998; 39: 615-627.

20. Martinerie J, Adam C, Le Van Quyen M *et al.* Epileptic seizures can be anticipated by non-linear analysis. *Nat. Med.* 1998; 4: 1173-1176.
21. Thompson SM, Masukawa LM, Prince DA. Temperature dependence of intrinsic membrane properties and synaptic potentials in hippocampal CA1 neurons in vitro. *Journal of Neuroscience* 1985; 5: 817-824.
22. Holmes MD, Wilensky AJ, Ojemann GA, Ojemann LM. Hippocampal or neocortical lesions on magnetic resonance imaging do not necessarily indicate site of ictal onsets in partial epilepsy. *Ann. Neurol.* 1999; 45: 461-465.

Footnotes incorporated herein by reference:

103. Brooks VB. Study of brain function by local, reversible cooling. Rev Physiol Biochem Pharmacol 1983;95:1-109
104. Lomber SG, Payne BR, Horel JA. The cryoloop: an adaptable reversible cooling deactivation method for behavioral or electrophysiological assessment of neural function [In Process Citation]. J Neurosci Methods 1999;86:179-194
105. Thompson SM, Masukawa LM, Prince DA. Temperature dependence of intrinsic membrane properties and synaptic potentials in hippocampal CA1 neurons in vitro. Journal of Neuroscience 1985;5:817-824
106. Shen KF, Schwartzkroin PA. Effects of temperature alterations on population and cellular activities in hippocampal slices from mature and immature rabbit. Brain Res 1988;475:305-316
107. Schiff SJ, Somjen GG. The effects of temperature on synaptic transmission in hippocampal tissue slices. Brain Research 1985;345:279-284
108. Vastola EF, Homan R, Rosen A. Inhibition of focal seizures by moderate hypothermia. A clinical and experimental study. Arch Neurol 1969;20:430-439

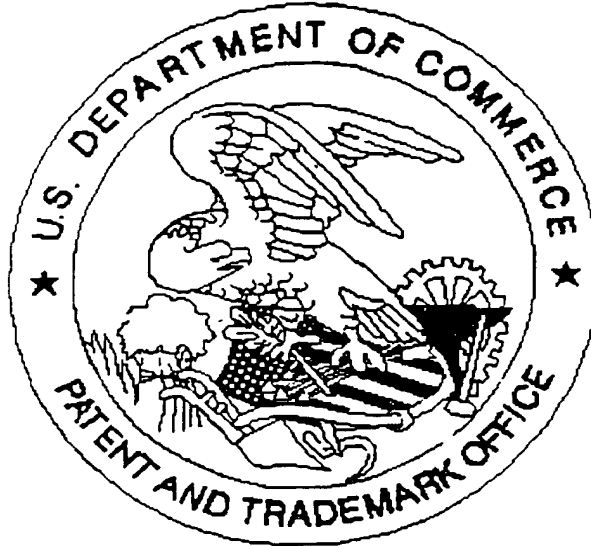
109. Sartorius CJ, Berger MS. Rapid termination of intraoperative stimulation-evoked seizures with application of cold Ringer's lactate to the cortex - Technical note. J Neurosurg 1998;88:349-351
110. Moseley JI, Ojemann GA, Ward AAJ. Unit activity in experimental epileptic foci during focal cortical hypothermia. Exp Neurol 1972;37:164-178
111. Reynolds JA, Ojemann GA, Ward JA. Intracellular recording during focal hypothermia of penicillin and alumina experimental epileptic foci. Exp Neurol 1975;46:583-604
112. Traynelis SF, Dingledine R. Potassium-induced spontaneous electrographic seizures in the rat hippocampal slice. Journal of Neurophysiology 1988;59:259-276
113. Lebovitz RM. Effects of temperature on interictal discharge at penicillin epileptogenic foci. Epilepsia 1975;16:215-222
114. Hayward JN, Ott LH, Stuart DG et al. Peltier biothermodes. American Journal of Medical Electronics 1965;4:11-19
115. Hill MW, Wong M, Amarakone A et al. Rapid cooling aborts seizure-like activity in rodent hippocampal-entorhinal slices. Epilepsia 2000; 41:1241-1248

116. Hashizume K, Tanaka T. Multiple subpial transection in kainic acid-induced focal cortical seizure. *Epilepsy Res* 1998;32:389-399
117. Galvan M, Grafe P, ten Bruggencate G. Convulsant actions of 4-aminopyridine on the guinea-pig olfactory cortex slice. *Brain Res* 1982;241:75-86
118. Barbarosie M, Avoli M. CA3-driven hippocampal-entorhinal loop controls rather than sustains in vitro limbic seizures. *Journal of Neuroscience* 1997;17:9308-9314
119. Mihaly A, Joo F, Szenté M. Neuropathological alterations in the neocortex of rats subjected to focal aminopyridine seizures. *Acta Neuropathol (Berl)* 1983;61:85-94
120. Gavrieli Y, Sherman Y, Ben Sasson SA. Identification of programmed cell death in situ via specific labeling of nuclear DNA fragmentation. *J Cell Biol* 1992;119:493-501
121. Biervert C, Schroeder BC, Kubisch C et al. A potassium channel mutation in neonatal human epilepsy. *Science* 1998;279:403-406

122. Charlier C, Singh NA, Ryan SG et al. A pore mutation in a novel KQT-like potassium channel gene in an idiopathic epilepsy family. Nat Genet 1998;18:53-55
123. Singh NA, Charlier C, Stauffer D et al. A novel potassium channel gene, KCNQ2, is mutated in an inherited epilepsy of newborns. Nat Genet 1998;18:25-29
124. Osorio I, Frei MG, Wilkinson SB. Real-time automated detection and quantitative analysis of seizures and short-term prediction of clinical onset. Epilepsia 1998;39:615-627
125. Martinerie J, Adam C, Le Van Quyen M et al. Epileptic seizures can be anticipated by non-linear analysis. Nat Med 1998;4:1173-1176
126. Le Van QM, Martinerie J, Baulac M et al. Anticipating epileptic seizures in real time by a non-linear analysis of similarity between EEG recordings. NeuroReport 1999;10:2149-2155
127. Stein AG, Eder HG, Blum DE et al. An automated drug delivery system for focal epilepsy. Epilepsy Res 2000;39:103-114

128. Boison D, Scheurer L, Tseng JL et al. Seizure suppression in kindled rats by intraventricular grafting of an adenosine releasing synthetic polymer. *Exp Neurol* 1999;160:164-174
129. Schiff SJ, Jerger K, Duong DH et al. Controlling chaos in the brain. *Nature* 1994;370:615-620
130. Gluckman BJ, Neel EJ, Netoff TI et al. Electric field suppression of epileptiform activity in hippocampal slices. *Journal of Neurophysiology* 1996;76:4202-4205
131. Jerger K, Schiff SJ. Periodic pacing an in vitro epileptic focus. *Journal of Neurophysiology* 1995;73:876-879
132. Velasco M, Velasco F, Velasco AL et al. Subacute electrical stimulation of the hippocampus blocks intractable temporal lobe seizures and paroxysmal EEG activities. *Epilepsia* 2000;41:158-169

United States Patent & Trademark Office
Office of Initial Patent Examination — Scanning Division



Application deficiencies found during scanning:

☐ Page(s) _____ of _____ were not present
for scanning. (Document title)

☐ Page(s) _____ of _____ were not present
for scanning. (Document title)

Scanned copy is best available. Drawings